

Skip Stein

EDI Consultant/Data Architect/Project Manager

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I am a Senior Management Consultant and Project Director based in Orlando, Florida. As a business professional, I deal with issues and solutions to problems in the areas of Information Lifecycle Data Management, electronic business transaction flow and business intelligence data storage & retrieval. I specialize in Computer Resource Management (CRMR), Business Analysis Management (BAMR), Enterprise Application Integration (EAI) and Electronic Business Flow Management (EBFM) systems that involve many different aspects of computer technology, including Project Management, Change Management, Conversion/Migration, ERP implementation and Strategic Planning. My specialization over the past several years has been as an information and data architect, working with EBFM - Electronic Business Flow Management, EDI and other forms of electronic business-to-business communication, especially in the, manufacturing, distribution, retail, financial, pharmaceutical industries and health care.

As an experienced computer systems professional, I have gained valuable skills and knowledge by working in a wide range of industries and applying a varied set of technology solutions to complete project tasks and resolve client problems. My employment and consulting history includes such businesses as Manufacturing/Distribution, Pharmaceuticals, Oil & Gas, Petrochemical, Telecommunications, Public Accounting, Banking and Finance, Resort and Hotel Management, and Retail Sales and Distribution. Within these organizations, he has performed in positions as Programmer Analyst, Project Manager, Operations Director, Director of Development and Chief Information & Technology Officer.

I focus on Electronic Data Interchange transaction processing with Oracle Enterprise One (JD Edwards 5 [World, XE and OneWorld]) and other ERP/CRM systems with an emphasis on the coordination and deployment of the application modules, interface transactions and third party systems. I have worked with most prevalent transaction sets, including ANSI X12, X12N, Tradacoms (UK), EDIFACT (EU), XML (various) and other variations. I have applied these transactions in pharmaceutical, manufacturing, wholesale/retail, shipping & distribution, healthcare, electronics and other industries around the world.

My skills include the ability to take charge of projects and complete them in a timely manner. Since each task of a successful Project depends on all previous and subsequent tasks, I have developed Project Management skills utilizing Precedence and Critical Path Method management techniques. I am also a capable programmer utilizing language technology of HTML/XML, Java, C++, Assembler, COBOL, PL/I and RPG. My experience with various computational frameworks, including Client Server, Distributed Data Warehousing, and Centralized Mainframe, provide a basis for the constant learning processes. Most recently I have worked with Electronic Business Flow Management (EBFM) systems utilizing EDI and Web Commerce tools to implement business-to-business communications solutions.

For a partial list of Trading Partners previously engineered, please visit: <http://www.erp-edi.net/TP-Index.htm>.

Education: B. S. Personnel Management
University of Houston, Houston Texas

Certification: CISA - Certified Information Systems Auditor
EDP Auditors Foundation
CDP - Certificate in Data Processing
The Institute for Certification of Computer Professionals

Spoken Languages: **Fluent:** English (USA), **Light:** Spanish, German & French.

Computer Languages: HTML, XML, COBOL, Assembler, FORTRAN, PL/I, C++, Visual Basic, VISIO, and RPG

EDI Standards: ANSI X.12, EDIFACT, VICS, UCS, ODETTE, TRADACOMS, and HIPAA; AS2 Security including Secure FTP, Trailblazer, IP/NET and EDIFECs analytical and documentation system.

Computer Software: Windows 2003/2000 Server, Windows Vista/XP/2000, MS Office, MS Project, Access, Internet TCP/IP, MS SQL, Oracle, Informix, Novell, Sterling Software's Connect: Direct (NDM), Sterling Gentran, Inovis/Harbinger/TLE/Premenos, IPNet, Mercator, GEIS, EDI Complete and other EDI Transaction Mapping Systems, MVS/XA, SNA/VTAM, UNIX, OS/400, PICK OS

Computer Hardware: Intel based Servers, DEC, HP, IBM System Z, AS/400, 3090, 303X, 43XX, 360/370, IBM and compatible PC's, SUN Microsystems, Point of Sale Systems, CBX Systems

ERP Systems: Oracle Enterprise One (JD Edwards (XE/World/ERP)), Peoplesoft HR, JDA, Oracle, Ross (Gembase), SAP, Cimcase/MTMS, Lawson

**Business-to-Business Electronic Commerce
Project Summary**

Design and implement inbound EDI three way invoice matching processing for a large distribution company. Worked the procure to pay business cycle and re-engineered procurement and invoice payment processing. Establish electronic payment processing to replace 'paper checks' to expedite payment processing. Set up JD Edwards to accept inbound EDI invoices for documents EDI 110, 210 and 810. Initiated remittance advice transmission to suppliers (EDI 820) for invoice payments.

Conducted an analytical review and developed a requirements plan to migrate a national manufacturing company from a heavily modified JD Edwards XE system to Oracle Enterprise One 8.12 (JDE). In addition the electronic processing interface was analyzed and the immediate production failures were temporarily remediated; with a plan for a more permanent solution to be implemented with the migration to E1 8.12.

Coordinate and manage the conversion of EDI resources and Order to Cash processing from a JD Edwards World to Oracle Enterprise One ERP system. Worked with deployment team to configure all E1 options and configurations for manufacturing, distribution and finance. Developed comprehensive data analysis and mapping for all transaction processing. Configured shipping and labeling systems in conjunction with Data Systems International (DSI) programs.

Performed a transaction analysis and developed a systems requirements plan for a division of a major hard goods supplier to implement EDI transactions for the European Division with Far East manufacturing. This transaction system was based on EDI EDIFACT and the design interface was to a JD Edwards ERP system.

Coordinated EDI and transactional interface in conjunction with an Enterprise One (JD Edwards) upgrade to release level 8.10 for a West Coast importer. Developed table/file extensions for auxiliary file processing to facilitate inbound and outbound transaction processing. Made recommendations for EDI functional capability upgrades.

Implemented the [Electronic Transaction Flow Management](#) (ETFM) system to identify and address all electronic transaction processing for the engineering parts supply company. Developed project plans for the EDI Gentrant to webMethods conversion with integration to web services and order processing. Consolidate all financial order-to-cash and order-to-pay transaction activities plan and schedule.

Developed an internal Accounts Receivable (A/R) processes to enable the receipt of ANSI X.12 EDI remittance advice transactions (RA820) into the JD Edwards OneWorld Accounts Receivable system for a leading manufacturer of windows, doors and molding products. The project included building interfaces to J D Edwards (JDE) OneWorld Enterprise Resource Planning (ERP) A/R system for trade customer payments and remittance data, implementing automated cash application processes for JDE OneWorld A/R and training internal resources for executing the necessary manual A/R cash application activities. The EDI interface was implemented utilizing INOVIS/IPNet Solutions data communications tools and Mercator transaction set mapping.

Deployed a trading partner system for a major electronics company that electronically supplies a comprehensive set of data and information to the Strategic Supplier/Partners. The Strategic Supplier/Partner utilizes this data to establish an optimized supply chain and replenishment strategy for each item to be supplied to the electronics company. The model is based on a mutually beneficial "partnership". The Supplier/Partner is allowed certain latitudes in setting up the strategic and tactical deployment methodologies and is measured on the overall success of the model versus the more traditional customer/supplier methods and metrics. The two prime objectives of the business model are increased inventory turns while increasing the Customers' schedule flexibility in a zero stock-out, and Supplier managed MRP environment utilizing EDI and electronic commerce. The overall program objective is to share vital information with the Supplier/Partner to allow for the transitioning of the decision-making process from within the electronics company to the supply chain link with the greatest degree of control and flexibility; the electronics distribution channel. The system was implemented utilizing Inovis/IPNet eBizness™ Transact for NT and Inovis/IPNet eBizness™ Map in conjunction with Oracle 8.16 and MTMS E.R.P.

Managed the deployment of a food service company's implementation of NT Based SAP EDI for the application interface to a wholesale distribution chain. Coordinated the IDOC interface with Inovis TLE, EDI translation software, for Purchase Order, Order Confirmation and Invoicing. Managed the application and user dialog interface to ensure accurate translation and subsequent order processing and distribution. Also coordinated the EDI processing for inter-company order fulfillment and distribution on a linked AS/400

Developed internal Accounts Receivable processes for an international household appliance manufacturer and distributor encompassing activities currently provided by a third party service. Implemented Inovis TLE EDI interfaces to JD Edwards A/R for trade customer payments and remittance data; established trade customer lockboxes, built an automated cash application process for JD Edwards A/R, and staffed/trained internal resources

for executing the necessary manual A/R cash application activities. Project included banking lock box interfaces be developed with electronic funds transfer processing and automated remittance advice processing utilizing EDI X.12 standard transaction sets (820 & 823) with adjustment activity reported on EDI X.12 (812) transactions.

Completed a migration to Oracle based ROSS ERP systems and full implementation of Sterling Gentran NT Server EDI interfaces to national retail chains for processing purchase orders and invoicing. The project required setup and testing with multiple large national retail chain store operations and order entry systems for the manufacturing, shipment and delivery of drug and pharmacological products.

Implemented EDI capabilities and training in Europe for an International Pharmaceutical company on AS/400 platform and Inovis TLE EDI translation software via GEIS value added network and corporate WAN. Interfaced JD Edwards ERP software systems to European based warehouse operations and locally developed warehouse management systems. Trained project team in EDI functionality and interface standards and assisted in the development and deployment of the bridging application systems implementation. Acted as liaison project manager to USA based EDI support and development team throughout the deployment process.

Implement EDI capabilities in conjunction with JD Edwards ERP system. EDI facilities brought USA based manufacturing on-line with distribution and manufacturing services and support in Belgium, serving Eastern Europe. Applications integration included financial, distribution and manufacturing systems. EDI interfaces encompassed both EDIFACT and ANSI X.12 transaction standards. Communications interfaces spanned Internet, Extranet, Value Added Network (VAN) carriers and internal SNA bridging networks. The Inovis TLE translation engine was implemented across AS/400 architecture with NT4 Server connectivity.

Install, configure and implement Gentran Server NT for a large East Coast Pharmaceutical wholesale drug manufacturing company with interfaces to Oracle EDI Gateway. Established value added network (VAN) connectivity and completed trading partner mapping and processing for Oracle ERP/Financial System processing. Trained the staff in usage of Gentran mapping components and requirements to upgrade maps to X.12 4010 standards.

Implement Gentran Server NT for a large beverage bottling company. Manage the migration from AS/400 Premenos (System 36 version) to Gentran NT in preparation for ERP implementation of SAP R3. Develop mapping interfaces utilizing current versions of X.12 and VICS standards to major retail outlets. Train local personal in utilization, mapping and management of the system. Assist in the development of application systems interfaces to legacy systems for interim processing with a planned migration path to SAP IDOC format.

Established full Electronic Data Interchange (EDI) services for an International Pharmaceutical company using Inovis EDI/400 and TrustedLink Enterprise (TLE) services. This included the interface to existing AS/400 distribution systems and the JD Edwards Financial and Distribution systems at multiple international locations. EDI services were established in support of both intra-company and external trading partner relationships. Full sales order, purchase order, receipt and manifesting processes were supported as well as shipping and delivery interfaces with international freight forwarders. Both ANSI X.12 and EDIFACTS standards were utilized.

Restructured the EDI function at a billion-dollar retail company utilizing Sterling's Gentran. The project included a complete reinstall of the Gentran Mainframe product and full re-mapping of the Trading Partner definitions and associated transaction sets. In addition, the communications gateway to the Value Added Networks (VAN's) and the direct SNA transmission Trading Partners were restructured and brought up to date with current transmission protocols.

Analyzed the accounting and sales order entry system for a national manufacturing and distribution company of petroleum-based products to establish trading partner electronic interfaces. Selected and installed electronic data exchange (EDI) software to interface to DEC/VAX based accounting systems to map order entry and sales information to standard ANSI X.12 EDI transaction sets. Developed the necessary programs and procedures to map the trading partner transaction sets to acceptable input data formats for input into the company's accounting systems.

Established communication systems and facilities for an international long distance carrier to exchange Billing and Collection as well as Equal Access data with USA based local and regional communications providers. Implemented an EDI system that provided communications linkage to the local exchange companies across the country to transmit billing and collection data. Installed and implemented software and hardware solutions to meet the communications requirements including a combination of leased line and switched network configurations.

Managed a major migration from midrange systems to a client server platform for a major international vacation ownership resort developer. The project encompassed the development of the business rules, migration strategy, architecture selection, contract negotiation, and implementation plan. An EDI interface was designed and developed to provide trading partner exchange data for the purpose of vacation week trades by resort owners.

Worked with a major USA based trucking and distribution company, to establish shipping and delivery schedule systems to facilitate merchandise delivery to locations across the country for the provisioning of 6000 retail stores. These systems were implemented in conjunction with LAN based accounting systems that enabled an electronic data exchange between the distribution company and the local freight consolidation points.

Coordinated the cross-divisional development and implementation of a clothing design and production order system for both domestic and Far East production for a large national retail firm. This encompassed a substantial T1 network linking the US based retail operations with the manufacturing divisional offices located outside of Boston; all of which were tied to a satellite transponder link to the Hong Kong manufacturing offices. An EDI system was developed to provide the means to specify the form and content of a garment transmit the specifications and obtain a detailed cost estimate within a 24-hour period. This resulted in the ability to design, manufacture, ship a new garment in a matter of days instead of a number of weeks, providing a significant competitive advantage.

Managed the data systems design and construction to establish a private label credit card company for a multi-billion-dollar retail company based in Columbus Ohio. The project included the re-deployment of credit processing and the establishment of a complete credit card processing center to handle multiple private label credit cards. Transactional interfaces were developed to process credit card sales transactions from retail operations for the private label credit cards as well as other bank credit cards.

Implemented and maintained Lawson financial systems, including the General Ledger, Accounts Payable, Point of Sale and Distribution modules. An EDI network was utilized to download daily credit card sales that were consolidated to a central clearing operation improving cash flow. Pricing level detail, daily sales dollars and inventory movements were exchanged with the host system using standard ASCII transmission protocols.